CLAIMS

1. A double-walled insulating member in the form of a plate, bowl, pot or box, whose two sheet metal walls (1, 2), jointly with a sealing profile (3) connected hermetically between the metal sheets at their enclosing edges, enclose an evacuated cavity in which insulating material (4) supporting the walls (1, 2) is disposed,
characterised in that the wall connection of the sealing profile (3), which consists of a non-metallic material of low thermal conductivity, low vapour permeability and satisfactory hot sealing properties, takes the form of a large-area hot seal.

2. An insulating member according to claim 1, **characterised in that** a metal foil (7) is integrated as a vapour barrier in the sealing profile (3).

3. An insulating member according to claims 1 or 2, **characterised in that** the sealing profile (3) has a substantially U-shaped cross-section and is filled with a stiffening material (10).

4. An insulating member according to claim 3, **characterised in that** coupling elements (11) for adjacent insulating members are embedded in the stiffening material (10).

5. An insulating member according to one of claims 1 to 4, **characterised in that** the stiffening material (10) has a low thermal conductivity.

6. An insulating member according to one of claims 1 to 3, **characterised in that** the insulating material (4) is an open-pored cellular material.

7. An insulating member according to one of claims 1 to 6, **characterised in that** the walls (1, 2) are provided with a hot-sealable coating (5, 6) at least in the zone of the hot seal.

8. An insulating member according to one of claims 1 to 7, **characterised in that** at least in the zone of the hot-seal the sealing profile (3) is provided with a hot sealable coating (8) or consists of a hot-sealable material.

9. A method of making an insulating member according to one of claims 1 to 5,
characterised in that the wall connection is hot-sealed in vacuo on the insulating body put together from its individual parts and evacuated.

10. A method of producing an insulating member in the form of a plate or bowl according to claim 9,
characterised in that after the wall has been furnished with the sealing profile and the insulating material, these elements are evacuated in a chamber, and only then is the second wall provided during maintenance of the vacuum.